BIXOLON®

Printer Installation Guide

KN04-00037B (Rev.1.5) **Thermal Printer SRP-150**

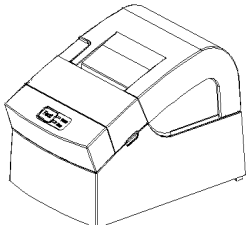
◈ About This Guide

This installation guide contains only essential and simple information for installing the product. Refer to the Users Guide in the CD that comes with the product for detailed instructions. The CD contains the following data.

1. Manual: Users Guide (Control Command)
2. Drivers: Windows Drivers
3. Utilities: Logo Download Tool

BIXOLON makes continuous improvements for better quality and functions of its products, therefore the specifications and contents of the manual are subject to change without prior notice for this reason.

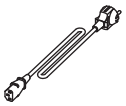
◈ Contents of the Package



SRP-150

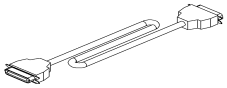
CD

Roll Paper



Power Cord

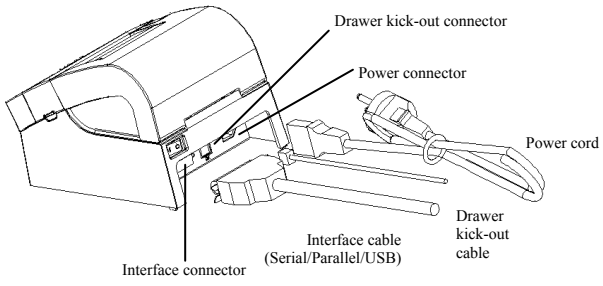
Installation Guide



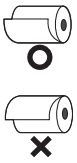
Interface cable
(Serial/Parallel/USB)

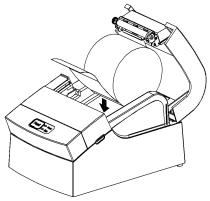
◈ Cable Connection

1. Turn off the printer and ECR (host computer).
2. Connect the power cord to a power outlet.
3. Check the type of interface (serial, parallel, or USB) on the back of the printer and connect the proper cable to the interface connector.
4. Connect the drawer kick-out cable to the drawer kick-out connector of the printer.



◈ Roll Paper Installation





1. Press the cover-open button and open the cover.
2. Insert a new roll paper in the right direction.
3. Pull the paper slightly and close the cover.

※ Note
Hold down the center of the cover when closing so that the paper adheres to the roller.
Printing quality may not be optimum if recommended paper is not used.
(Refer to the User's Manual.)

◈ Control Panel

• Power (indicator lamp)
Green light will be on when the power is supplied to the printer.
• Error (indicator lamp)
Red light will be on in the event of errors such as no paper or open cover.

◈ DIP Switch Setting

Changing DIP switch settings must be done while the printer is turned off. Changes made while the power is on are not recognized.

• DIP switches: Serial

SW	Function	ON	OFF	Default
1-1	Auto Cutter	Disable	Enable	OFF
1-2	Reserved			-
1-3	Baud rate	Refer to the following table		OFF
1-4				

Baud rate	1-3	1-4	Note
9600 bps	OFF	OFF	Default value
19200 bps	OFF	ON	
57600 bps	ON	OFF	
115200 bps	ON	ON	

• DIP switches: Parallel, USB

SW	Function	ON	OFF	Default
1-1	Auto Cutter	Disable	Enable	OFF
1-2	Reserved			-
1-3				
1-4				

◈ Self Diagnostic

1. Check that the paper is mounted correctly.
2. Turn on the power while depressing the Feed button. The self test will start.
3. The printer prints out the current status of the printer such as the ROM version and DIP switch settings.
4. After printing the current status, printing stops after printing the following lines. (Paper indicator lamp stays ON.)

Self-test printing.
Please press the FEED button

5. Press the Feed button to continue printing. The printer will print all types of characters that can be printed.
6. Self test stops automatically and the printer cuts the paper after printing the followings lines.

***** COMPLETED *****

7. The printer goes back to normal operating mode immediately after completing the self test.

※ Note
The status of the printer can be checked through the self test. Check the printing quality, ROM version, and DIP switch setting through the self test.

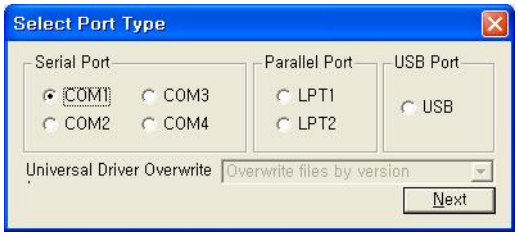
◈ Product Specifications

Item		Description
Printer	Printer type	Thermal transfer (thermal) printing
	Dot pitch	203 dpi (8dots/mm)
	Printing width	48 mm
	Number of characters per line (default value)	32 (Font A) (12x24) / 42 (Font C) (9x24)
	Printing speed *1)	19 lines/sec, 65 mm/sec
	Receive buffer size	4Kbyte
	SMPS input voltage	100 ~ 240 VAC
	Frequency	50/60 Hz
	SMPS output voltage	12 VDC
	Temperature	0 ~ 45 ℃ (Operating) -20 ~ 60 ℃ (Storage)
	Humidity	10 ~ 80 % RH (Operating) 10 ~ 90 % RH (Storage) ; paper is not included
	Auto cutter	1,000,000 cuts
	Mechanism MCBF *2)	20,000,000 lines
Paper	Paper type	Roll paper
	Roll paper width	58 ± 0.5mm
	Diameter of roll paper	Maximum 80mm
	Paper thickness	0.062~0.075 mm

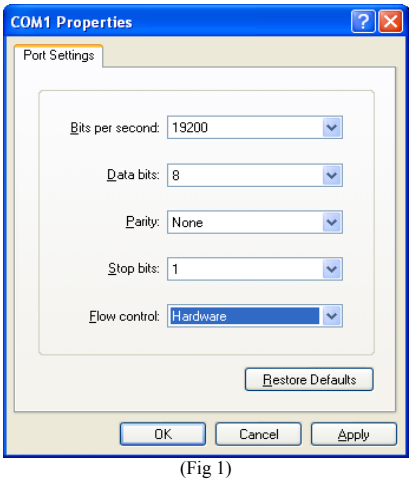
※ Note
*1) Printing speed may be slower depending on the combination of data transfer speed and commands.
*2) This value is based on the measurement at standard temperature, specified paper, and printing level 2, and it can be changed depending on the temperature or printing level.

◈ Serial (RS-232C) Interface Model Windows Driver Installation

1. After installing the product installation CD, execute **Thermal Printer > SRP-150 > Drivers > Windows Driver > Drivers folder > SRP-150_WIN_Vx.x.x.exe** .
2. Select the **Next** button in the initial installation window.
3. Select the **Install** button in the **Ready to Install the Program** window.
4. Select the Serial Port 1 (**COM1**) in **Serial Port** setting in **Select Port Type** window and select the **Next** button.



5. Reboot the computer by selecting the **Yes** button from the **Question** window.
6. After rebooting, select **Start> Setting > Printers and Faxes > BIXOLON SRP-150 Icon > Right mouse click > Properties**.
7. Select **Port** tab and then **Port Configuration** from the **Properties** window and set the settings same as the result shown in the self test, and select the **OK** button.



(Fig 1)

8. Select the **General** tab and then **Print Test Page** from the **Properties** window, and check whether the printer is working correctly.

◈ Parallel (IEEE1284) Interface Model Windows Driver Installation

1. After installing the product installation CD, execute **Thermal Printer > SRP-150 > Drivers > Windows Driver > Drivers folder > SRP-150_WIN_Vx.x.x.exe**.
2. Select the **Next** button in the initial installation window.
3. Select **Install** in the **Ready to Install the Program** window.
4. Select the Parallel Port 1 (**LPT1**) in the **Select Port Type** window and select the **Next** button. (Refer to Fig. 1)
5. Reboot the computer by selecting the **Yes** button in the **Question** window.
6. After rebooting, select Start**> Setting > Printers and Faxes > BIXOLON SRP-150 Icon > Right mouse click > Properties**.
7. Select **Port** tab and then **Port Configuration** from the **Properties** window and set the settings same as the result shown in the self test, and select the **OK** button.

◈ USB Interface Model Windows Driver Installation

1. After installing the product installation CD, execute **Thermal Printer > SRP-150 > Drivers > Windows Driver > Drivers folder > SRP-150_WIN_Vx.x.x.exe**.
2. Select the **Next** button in the initial installation window.
3. Select **Install** in the **Ready to Install the Program** window.
4. Select **USB** from the **Select Port Type** window and select the **Next** button (refer to Fig. 1)

5-1. If using Windows 98/ME
- ① Follow the procedure and reboot the computer after completing the installation.
- ② Turn the printer off and on after rebooting.
- ③ When the **New Hardware Search** window pops up, keep selecting the **Next** button to install the USB driver, and reboot the computer one more time after installing the USB driver.

5-2. If using Windows 2000/VISTA/2008 Server/7
- ① When the **Information** window pops up, turn the printer off and on and select the **OK** button.
- ② Reboot the computer after completing the installation.

5-3. If using XP/2003 Server
- ① When the **Information** window pops up, turn the printer off and on and select the **OK** button.
- ② When the **New Hardware Search** window pops up, keep selecting the **Next** button to install the USB driver, and reboot the computer one more time after installing the USB driver.

※ Note
Click **OK** or **Continue Anyway** when digital certificate messages pop up during the installation.

6. After rebooting, select **Start > Setting > Printers and Faxes > BIXOLON SRP-150 Icon > Right mouse click > Properties**.
7. Select the **General** tab and then **Print Test Page** from the **Properties** window, and check that the printer is working correctly.

◈ 有毒有害物质或元素名称及含量标识样式

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr+6)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑料机壳	O	O	O	O	O	O
金属框	O	O	O	O	O	O
主板（排除集成电路）	O	O	O	O	O	O
自动切纸机	O	O	O	O	O	O
马达	O	O	O	O	O	O
滚轴 / 电线 / 电源插头	O	O	O	O	O	O
手册 / 激光唱片	O	O	O	O	O	O
包卷纸	O	O	O	O	O	O
热敏打印头	X	O	O	O	O	O
集成电路	X	O	O	O	O	O
黄铜	X	O	O	O	O	O
适配器	X	O	O	O	O	O

注 1"O" 表示: 对应部品的均质物质内有害物质在 SJ/T 11363-2006 的最大允许范围以下时。
注 2"X" 表示: 对应部品的均质物质内有害物质超过 SJ/T 11363-2006 的最大允许范围时。

本表表示该部品内含有有害物质，部品别有害物质情报是以供应商提供的报告和公司内部检验结果为依据制订的。部分部品含有的有害物质是现在的技术水平下无法替代，并且 BIXOLON 也是为替代此部分而努力。

◈ WEEE (Waste Electrical and Electric Equipment)

This marking shown on the product or its literature, indicates that is should not be disposed of with other household wastes at the end of its working life, To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

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